

MODULATED TRIGGER DEVICE

Abstract

An integrated circuit structure, a trigger device and a method of electrostatic discharge protection, the integrated circuit structure including: a substrate having a top surface defining a horizontal direction, the substrate of a first dopant type; a first horizontal layer in the substrate, the first layer of a second dopant type; and a second horizontal layer of the first dopant type, the second layer on top of the first layer and between the top surface of the substrate and the first layer, the second layer electrically modulated by the first layer.